AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A computer controlled method comprising:

establishing communication between a wireless sensor and a provisioning device over at least one preferred channel, said wireless sensor configured to send a first commitment to said provisioning device over said at least one preferred channel and to receive a second commitment from said provisioning device over said at least one preferred channel;

receiving provisioning information from said provisioning device over said at least one preferred channel, wherein the provisioning information includes a credential and wherein the credential facilitates becoming a member of a secure credential infrastructure; and

automatically configuring said wireless sensor for transmitting sensor information over a secure communication channel responsive to said provisioning information.

2. (Original) The computer controlled method of claim 1, wherein said provisioning information comprises a credential.

3. (Original) The computer controlled method of claim 1, wherein said provisioning information further comprises one or more of patient data, limit data, alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse data, insurance data or room assignment data.

4. (Original) The computer controlled method of claim 3, further comprising transmitting said sensor information over said secure communication channel.

5. (Original) The computer controlled method of claim 1, wherein said provisioning information further comprises one or more of sensitivity data, target data, image recognition data, or noise characteristics.

6. (Original) The computer controlled method of claim 1, wherein said wireless sensor senses one or more of medical information, location information, proximity information, environmental information, or vehicle information.

7. (Currently amended) A computer-readable storage medium storing instructions

that when executed by a computer in a wireless sensor to cause the computer to perform a method comprising steps of:

establishing communication between said wireless sensor and a provisioning device over at least one preferred channel, said wireless sensor configured to send a first commitment to said provisioning device over said at least one preferred channel and to receive a second commitment from said provisioning device over said at least one preferred channel;

receiving provisioning information from said provisioning device over said at least one preferred channel, wherein the provisioning information includes a credential and wherein the credential facilitates becoming a member of a secure credential infrastructure; and

automatically configuring said wireless sensor for transmitting sensor information over a secure communication channel responsive to said provisioning information.

8. (Original) The computer-readable storage medium of claim 7, wherein said provisioning information comprises a credential.

9. (Original) The computer-readable storage medium of claim 7, wherein said provisioning information further comprises one or more of patient data, limit data, alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse data, insurance data or room assignment data.

10. (Original) The computer-readable storage medium of claim 9, further comprising transmitting said sensor information over said secure communication channel.

11. (Original) The computer-readable storage medium of claim 7, wherein said provisioning information further comprises one or more of sensitivity data, target data, image recognition data, or noise characteristics.

12. (Original) The computer-readable storage medium of claim 7, wherein said wireless sensor senses one or more of medical information, location information, proximity information, environmental information, or vehicle information.

13. (Currently amended) A wireless apparatus comprising:

at least one port configured to establish at least one preferred channel;

a preferred channel communication mechanism configured to be able to establish communication with a provisioning device over said at least one preferred channel the preferred channel communication mechanism further configured to be able to send a first commitment to said provisioning device over said at least one preferred channel and to be able to receive a second commitment from said provisioning device over said at least one preferred channel:

a receiver mechanism configured to be able to receive provisioning information from said provisioning device over said at least one preferred channel, wherein the provisioning information includes a credential and wherein the credential facilitates becoming a member of a secure credential infrastructure; and

an automatic configuration mechanism to enable said wireless sensor to transmit sensor information over a secure communication channel established responsive to said provisioning information.

14. (Original) The apparatus of claim 13, wherein said provisioning information comprises a credential.

15. (Original) The apparatus of claim 13, wherein said provisioning information further comprises one or more of patient data, limit data, alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse data, insurance data, room assignment data, sensitivity data, target data, image recognition data, activation data, or noise characteristics.

16. (Original) The apparatus of claim 15, further comprising a transmission mechanism configured to transmit said sensor information over said secure communication channel.

17. (Original) The apparatus of claim 13, wherein wireless apparatus further comprises a sensor for measuring said sensor information.

18. (Original) The apparatus of claim 13, wherein said wireless sensor senses one or more of medical information, location information, proximity information, environmental information, or vehicle information.

19. (Original) The apparatus of claim 13, wherein said sensor information is status information about the apparatus.

20. (Previously presented) The computer controlled method of claim 1, wherein said at least one preferred channel comprises a single preferred channel capable of communicating both from said wireless sensor to said provisioning device and from said provisioning device to said wireless sensor.

21. (Previously presented) The computer controlled method of claim 1, wherein said at least one preferred channel comprises a first preferred channel capable of communicating from said wireless sensor to said provisioning device and a second preferred channel capable of communicating from said provisioning device to said wireless sensor.

22. (Previously presented) The computer-readable storage medium of claim 7, wherein said at least one preferred channel comprises a single preferred channel capable of communicating both from said wireless sensor to said provisioning device and from said provisioning device to said wireless sensor.

23. (Previously presented) The computer-readable storage medium of claim 7, wherein said at least one preferred channel comprises a first preferred channel capable of communicating from said wireless sensor to said provisioning device and a second preferred channel capable of communicating from said provisioning device to said wireless sensor.

24. (Previously presented) The apparatus of claim 13, wherein said at least one preferred channel

comprises a single preferred channel capable of communicating both from said wireless sensor to said provisioning device and from said provisioning device to said wireless sensor.

25. (Previously presented) The apparatus of claim 13, wherein said at least one preferred channel comprises a first preferred channel capable of communicating from said wireless sensor to said provisioning device and a second preferred channel capable of communicating from said provisioning device to said wireless sensor.